



Guidelines for Electrical Works

HDB apartment blocks completed on or after 01 Jan 1994 and flats upgraded under the Main Upgrading Programme (MUP) are provided with a higher electrical loading of 40 amps main switch. Flat owners do not need to apply for an HDB permit to install an air-conditioner or other higher capacity equipment/appliances if the flat is provided with higher electrical loading.

To find out if your block has been provided with higher electrical loading, you can [check the electrical loading](#) online. Alternatively, you can call our toll-free [Branch Service Line](#) on 1800-2255432.

You may also wish to view the [Terms and Conditions](#) regarding electrical work in HDB flats.

Electrical Work that requires permit

Flats that have not been provided with higher electrical loading, require an HDB permit to install new 15 Amps power points for air-conditioners or other higher capacity equipment/appliances.

Types of Electrical Work	Subject to the following Guidelines/ Conditions
New 15 amps power point/20 amps isolator Note i) Appliance with electrical rating exceeding 15amps power is not allowed. ii) 20amps isolator is only allowed for air conditioner installation	Flats provided with 30 amps main switch <ul style="list-style-type: none"> ▪ Embedding of wiring (house in metal/high impact PVC conduit) in RC slab, beam, column, wall and in wall plaster or other finishes is not allowed. ▪ Submission of the SP Services Ltd (SPSL) Form CS/5H endorsed by HDB to SPSL for testing of the new wiring.

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Electrical Works that do not require a permit

The tables below show the types of electrical work that do not require a permit.

Types of Electrical Work	Subject to the following Guidelines/ Conditions
New 15 amps power point/20 amps isolator Note i) Appliance with electrical rating exceeding 15amps power is not	Flats provided with 40 amps main switch and flats upgraded under Main Upgrading Programme (MUP) / Home Improvement Programme (HIP) <ul style="list-style-type: none"> ▪ Embedding of wiring (house in metal/high impact PVC conduit) in RC slab, beam, column, wall and in wall plaster or other finishes is not

allowed. ii) 20amps isolator is only allowed for air conditioner installation	allowed. Submission of the SP Services Ltd (SPSL) <u>Form CS/5H</u> endorsed by HDB to SPSL for testing of the new wiring.
Additional lighting points/fan points/13amps power points or extension of wiring/rewiring	Embedding of wiring (house in metal/high impact PVC conduit) in RC slab, beam, column, wall and in wall plaster or other finishes is not allowed. Submission of the SP Services Ltd (SPSL) <u>Form CS/5H</u> endorsed by HDB to SPSL for testing of the new wiring. No restriction on the number of auxiliary items installed, but subject to the limitation of the existing main switch rating.
Covering of wiring with PVC trunking	
Encasement of surface wiring in metal/high impact PVC conduit	
Alteration/addition of RCCB/ELCB, MCB, socket outlet, main switch etc.	
Installation of auxiliary items	
Installation of ceiling fan	

TV Points

Types of Electrical Work	Subject to the following Guidelines/ Conditions
Alteration/extension of existing TV points	<ul style="list-style-type: none"> ▪ The original TV points provided are not to be tampered with and must be accessible for future maintenance. ▪ Any alteration and extension of the original TV points are to be carried out by a licensed StarHub Cable Vision (SCV) installer. ▪ SCV may refuse to connect the unit's altered/modified TV points to their network if the work was carried out by an unlicensed installer. ▪ For enquiries, please approach SCV.

Water Heater, Washing Machine, Electric OVEN / Cooker Unit

Types of Electrical Work	Subject to the following Guidelines/ Conditions
<u>Water Heater</u> Installation of instantaneous/storage water heater	For flats provided with 30 amps main switch <ul style="list-style-type: none"> ▪ Consumption of individual appliance should not exceed 3 kw for instantaneous water heater, washing machine with heater, electric oven, oven and cooker unit. ▪ Consumption of appliance should not exceed 1.5 kw for storage water heater.

	<ul style="list-style-type: none"> ▪ No restriction on the number of appliances installed but subject to the limitation of the existing main switch rating. ▪ Submission of the SP Services Ltd (SPSL) <u>Form CS/5H</u> endorsed by HDB to SPSL for testing of the new wiring.
<p><u>Washing Machine</u> Installation of washing machine with/without heater</p>	<p>For flats provided with 40 amps main switch and flats upgraded under Main Upgrading Programme (MUP) / Home Improvement Programme (HIP)</p> <ul style="list-style-type: none"> ▪ No restriction on the number of appliances installed but subject to the limitation of the existing main switch rating and the rating of appliances not exceeding 15 amps power point.
<p><u>Electric OVEN / Cooker Unit</u> Installation of electric oven and cooker unit (such as induction plate cooker, etc)</p>	<ul style="list-style-type: none"> ▪ Submission of the SP Services Ltd (SPSL) <u>Form CS/5H</u> endorsed by HDB to SPSL for testing of the new wiring.

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